



SEQUENCE LISTING

<110> THE JOHN HOPKINS UNIVERSITY SCHOOL OF MEDICINE
GOGGINS, Michael
UEKI, Takashi

<120> DIFFERENTIALLY METHYLATED SEQUENCES IN PANCREATIC CANCER

<130> JHU1700-1

<140> US 10/084,555

<141> 2002-02-25

<150> US 60/271,268

<151> 2001-02-23

<160> 114

<170> PatentIn version 3.1

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 catagcctcc tacagtgaga aacgcccccc acccgacgtt gcgtcatct gtgtccccgc 180
 tggtgccggg gctctggtat ccacttgccg gccctatgtg gtggggatcc acccagagcc 240
 cagcgtcaag ttatacgggc gcttcaactca gcgtcagcca agaccagga agcgcttctt 300
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 gtgtccccgg g 371

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 <212> DNA
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<210> 32
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 <212> DNA
 <213> Homo sapiens

<400> 32
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 agaaggcgag gatgcgcgag tacttcgtgt ccttgggtctc atcgtcacgt gtgagtatcg 180
 accaggtcat catcgcacgt ggtaccatag tggaagtagt tggcaaactc gctagagtct 240
 gctggaggaa cgagcccgcc gtaggacgga cacacctgag tgccccctccc acgcgagccc 300
 aaagcgggtg cagggcacct cccaccacat ttctggccaa agttcccatt tgaggcccg 360
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 acctgacccc acccaccac ccggg 445

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 <212> DNA
 <213> Homo sapiens

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 tttcttccac tctctccctt cctcctcct cacccttgc ctgccccca accccggcag 180
 ggcgcaggtg tccaaccag ccgggacccc ctccctcctc gaaccaggt gttccggctc 240
 ccagaccca attgagctgg gggcgccac ccgcggggg atcccgccct gcgtcccca 300
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 <213> Homo sapiens

<400> 34
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 cgaaacacag ctcaaagttt ccgagagcag tcacagcggg gccagggact ccagaagtgt 180
 cagctccaac gactccagag ctgcacactg gcctctattc cccaccgcaa agccccagag 240

ccgcagagac ttcgaaggca gccggagagg agagggccca ccgagcacta cggcggtgc 300
gcacgccccg gg 312

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ctgacgtctg ggctggggag gagcgggtcc gagcgaggac ggagagggga cagagggaaa 180
gggaggcggg tgtcttctctc aggaatttga gctggggatc tgcattcttg ccattgcagt 240
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ggctgatgcc gcgtctgct ccgccgttct gggacgtcgg ggacaaaagt ggaggagacg 360
ggagagcccc gg 372

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gccccgcgcc tcattactta ccttgctttt agctatcaat tccatgatgt agccaaattc 180
actcatctcc ccagactccg acatgtttac accccttcac aaactctgga ggaccgacgc 240
gggtgtatcg aatttgcct ttcttttctc tttttctgtt tttagtctga gttttgccga 300
gctccccgcc cataagctgt taaccaggaa aagaggggaa gcgccgggga aagcaagaag 360
cgggcttggg tgaaatgaag gccatcgagg gctccccgg 399

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<211> 307
<212> DNA
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tgtcttcggg gaaaccaagt ctgagtgagc gctgaagggg agtgtgcgga gcgtgccgtg 180
caccocgagc ccccgctc attgcctctc gcctctctcc acctgcccc tgatctgcgc 240

cagggaccgg tcctctcccg tccgcagget gtctaggtgg ccgttctggt ttgctgggac 300
ccccggg 307

<210> 38
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<212> DNA
<213> Homo sapiens

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ggcggggaag ggcgatctga cgatcaggga gttgcgcccc tctctctggg cctcgtgaag 180
gaacaagagc aattacagcg ctgggcccgc cacgtagtcc tggggctagg tgggccaat 240
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caggtctccc agctggaggc tcacgcccgg g 331

<210> 39
<211> 304
<212> DNA
<213> Homo sapiens

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gagaaggagg caggagtga ggcggaagga gtgggcaatc agcggcgga cgagagtgtg 120
tcttcgggga aaccaagtct gaggtagcgc tgaaggggag tgtgcggagc cgtgccgtgc 180
accccgagcc cccgcctca ttgcctctcg cctctctcca cctgccccat gatctgcgcc 240
agggagccgg tcctctcccg tccgcagctg tctaggtggc cgttctggtt tgctgggccc 300
cggg 304

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<212> DNA
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tcggggtgca cggcacgctc cgcacactcc cctccagcgc tcaactcagac ttggtttccc 180
cgaagacaca ctctcgctcc cgccgcgtga ttgcccactc ctccgcctg cactccagcc 240
tccttctcac cctttcgctg agcgcacagg cggctgccaa gtcggcaccg gtgcgcaccg 300
gcccggg 307

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<400> 41
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 tcttcggggg aaccaagtct gagtgcgcgc tgaaggggag tgtgcggagc cgtgccgtgc 180
 accccgagcc ccccgccca ttgcctctcg cctctctcca cctgccccat gatctgcgcc 240
 agggagccgg tcctctcccg tccgcagctg tctaggtggc cgttctgggt tgctgggccc 300
 cggg 304

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<220>
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 ttctggggt ggggacagtg aggtcatcgc tgccatcct ggagctctgg ctcttttcgg 180
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 gagcaggggg tttgagccct tgtggaaatc tggggaggca ctgcttctcc ctccatgtga 420
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<220>
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21

<210> 44

<211> 22
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<220>
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<400> 44
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22

<210> 45
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<220>
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<400> 45
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22

<210> 46
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<220>
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<400> 46
 agagaggagt ttagattgg

19

<210> 47
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<400> 47
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21

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<400> 48
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24

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<400> 49
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22

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<400> 50
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19

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24

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18

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<220>
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24

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21

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<400> 56

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26

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<400> 57

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23

<210> 58

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tttatttata taattttgtg tatgg

25

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 caccctcac ttactaaaa c 21

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 <400> 60
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 <400> 61
 accraacaaa aaacataaaa aaac 24

 <210> 62
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<400> 74
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22

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24

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21

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ctataaatta ctaaattctct tcg

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taatttttagg ttagagggtt attgt

25

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<210> 81
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<210> 82
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<400> 84

ggatagtcgg atcgagttaa cgtc

24

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<400> 85
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16

<210> 86
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28

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<400> 88
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23

<210> 89
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<400> 89
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<210> 94
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<400> 94
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25

<210> 95
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<210> 96
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21

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<400> 97
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<210> 98
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<400> 98
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26

<210> 99
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22

<210> 100
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<400> 100
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23

<210> 101
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<210> 102
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22

<210> 103
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<210> 104
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<210> 106
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<210> 107
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23

<210> 108
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22

<210> 109
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<210> 112
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<210> 113
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<210> 114
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<400> 114
 ccgaaaaccc cgctcgcg 17